

Docket No. 1759.140
U.S. Serial No.: 10/690,768

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings, of claims in the application:

Listing of Claims:

RECEIVED
CENTRAL FAX CENTER
JUL 05 2006

1. **(Currently Amended)** A reinforcing tape system comprising:

a reinforcing tape including a ply of longitudinal, aramid-, glass- or carbon-based high-tenacity yarns bound together by weft yarns, which tape includes two thermoplastic films, each placed on a respective different side of the ply of high-tenacity yarns;

the tape being flexible and being wound around an outside surface of a structure to be reinforced, the tape and conforming to a shape of the outside surface of the structure to be reinforced, said ply of yarns reinforcing the structure and remaining flexible in response to the tape being wound around the structure; and

said ply of yarns comprising a yarn layer, each of said films comprising a film layer, and said film layer avoiding penetrating said yarn layer.
2. **(Previously Presented)** The reinforcing tape system as claimed in claim 1, wherein each thermoplastic film adheres to a respective different side of the ply.
3. **(Previously Presented)** The reinforcing tape system as claimed in claim 1, wherein the two thermoplastic films are bonded together along edges of the tape.
4. **(Previously Presented)** The reinforcing tape system as claimed in claim 3, wherein the ply of longitudinal yarns is capable of sliding inside a sheath formed by the two thermoplastic films.
5. **(Previously Presented)** The reinforcing tape system as claimed in claim 1, wherein each film has ultraviolet radiation blocking properties.
6. **(Previously Presented)** The reinforcing tape system as claimed in claim 2, wherein the longitudinal yarns are bound together by at least partly thermoplastic weft yarns.

Docket No. 1759.140
U.S. Serial No.: 10/690,768

7. ***(Previously Presented)*** The reinforcing tape system as claimed in claim 6, wherein thermoplastic material of the weft yarns and material of the films are similar.
8. ***(Previously Presented)*** The reinforcing tape system of claim 1 wherein said thermoplastic films avoid penetrating into the ply of high-tenacity yarns.
9. ***(Previously Presented)*** A system for reinforcing a structure which includes the tape system of claim 1 and further includes a second reinforcing tape having a second ply of longitudinal high-tenacity yarns and two thermoplastic films, each placed on a respective different side of the second ply of high-tenacity yarns, and wherein said ply and said second ply avoid contact with each other, said ply and second ply being separated from one another by at least one film of the thermoplastic films of the first tape and at least one film of the thermoplastic films of the second tape.
10. ***(New)*** A reinforcing tape that includes a ply of at least one of longitudinal, aramid-, glass- and carbon-based high-tenacity yarns bound together by weft yarns, the tape including two thermoplastic films, each placed on a respective different side of the ply of high-tenacity yarns;
- the tape being flexible to allow the tape to be wound around an outside surface of a structure to be reinforced, the tape configured to conform to a shape of the outside surface of the structure to be reinforced, said ply of yarns configured to remain flexible and to reinforce the structure when the tape is wound around the structure; and
- said ply of yarns comprising a yarn layer, each of said films comprising a film layer, and said film layer avoiding penetrating said yarn layer.
11. ***(New)*** The system of claim 1 wherein said structure comprise at least one pipe of a plurality of flexible pipes, the plurality of pipes conducting pressurized gases and utilized in a system for oil drilling.
12. ***(New)*** The system of claim 1 wherein said ply of yarns contacts each of said films.
13. ***(New)*** A reinforcing tape system comprising:
- a reinforcing tape including a ply of longitudinal, aramid-, glass- or carbon-based high-

Docket No. 1759.140
U.S. Serial No.: 10/690,768

tenacity yarns bound together by weft yarns, which tape includes two thermoplastic films, each placed on a respective different side of the ply of high-tenacity yarns;

the tape being flexible and being wound around an outside surface of a structure to be reinforced, the tape conforming to a shape of the outside surface of the structure to be reinforced, said ply of yarns reinforcing the structure and remaining flexible in response to the tape being wound around the structure;

a second reinforcing tape having a second ply of longitudinal high-tenacity yarns and two thermoplastic films, each placed on a respective different side of the second ply of high-tenacity yarns;

said first tape contacting said structure and said second tape contacting said first tape;

and wherein said ply and said second ply avoid contact with each other, said ply and said second ply being separated from one another by at least one film of the thermoplastic films of the first tape and at least one film of the thermoplastic films of the second tape.